

extent, sizes, and complete details of the membrane waterproofing, including detailed installation instructions.

- (g) **Certification.** Furnish a type D certification for the materials specified above in accordance with Subsection 106.04.

SECTION 718

PREMOLDED ASPHALT PLANK

718.01. ASPHALT PLANK.

- (a) **Description.** This Subsection covers asphalt plank for use on railroad bridges.
- (b) **General Requirements.** Premolded asphalt plank shall conform to the requirements of the current AREA Specifications, Chapter 29, Part 2, Section B, Article 4g.

SECTION 719

SIGNS

Description. This Section establishes the requirements for materials for signs in Section 850.

719.01. PANELS.

- (a) **Aluminum.**
 - 1. **Sheet Aluminum.** Sheet aluminum signs shall be ASTM B 209 alloy 6061-T6 or 5052-H38 with mill finish. Thickness, dimensions, hole sizes, and hole locations shall be shown on the Plans. All panels shall be flat and straight within commercial tolerances established by the aluminum industry.

Sheet aluminum signs shall be treated with a chromate type chemical conversion coating in accordance with ASTM B 449, Class II.
 - 2. **Extruded Aluminum.** Extruded aluminum panel signs shall be ASTM B 221 alloy 6063-T6. Thickness, dimensions, hole sizes and hole locations shall be as shown on the Plans. All panels shall be flat and straight within commercial tolerances established by the aluminum industry. The extruded aluminum shall be free of corrosion, white rust, and dirt.

Type A edge strip shall be aluminum ASTM B 221 alloy 6063-T6. Aluminum type B sheet metal screws with slotted pan heads shall be placed on 24 inch (609.6 mm) centers maximum to secure the edge strips to the sign panels. On signs with width of 36 inches (914.4 mm) or less, a minimum of three screws shall be used.
- (b) **Sign Faces.** All sign faces are to be made in accordance with the detailed drawings as shown in the latest revision of the Manual on Uniform Traffic Control Devices for Streets and Highways, and/or as shown on the Plans.
- (c) **Basis of Acceptance.** A type A or B certification is required for acceptance of sign panels, extrusions, and shapes covered in this Section.